Stefan Linder

List of Publications by Year in Descending Order

58 papers	3,510 citations	28 h-index	59 g-index
88 ext. papers	3,976 ext. citations	6 avg, IF	5.81 L-index

#	Paper	IF	Citations
58	The circle of life: Phases of podosome formation, turnover and reemergence.. *European Journal of Cell Biology*, **2022**, 101, 151218	6.1	0
57	FIB-SEM-based analysis of intracellular processing by human macrophages. *Journal of Cell Science*, **2021**, 134,	5.3	3
56	There and back again: Intracellular trafficking, release and recycling of matrix metalloproteinases.. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2021**, 119189	4.9	3
55	Cargo-specific recruitment in clathrin- and dynamin-independent endocytosis. *Nature Cell Biology*, **2021**, 23, 1073-1084	23.4	10
54	Molecular Mechanisms of Phagocytosis and Intracellular Processing by Human Macrophages. *Biology*, **2021**, 10,	4.9	2
53	The podosome cap: past, present, perspective. *European Journal of Cell Biology*, **2020**, 99, 151087	6.1	7
52	Poji: a Fiji-based tool for analysis of podosomes and associated proteins. *Journal of Cell Science*, **2020**, 133,	5.3	3
51	Nucleobindin-1 regulates ECM degradation by promoting intra-Golgi trafficking of MMPs. *Journal of Cell Biology*, **2020**, 219,	7.3	12
50	SNX3 drives maturation of phagosomes by forming a hub for PI(3)P, Rab5a, and galectin-9. *Journal of Cell Biology*, **2019**, 218, 3039-3059	7.3	5
49	Differences in Shedding of the Interleukin-11 Receptor by the Proteases ADAM9, ADAM10, ADAM17, Meprin Meprin and MT1-MMP. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	12
48	Probing the mechanical landscape - new insights into podosome architecture and mechanics. *Journal of Cell Science*, **2019**, 132,	5.3	41
47	Lymphocyte-specific protein 1 regulates mechanosensory oscillation of podosomes and actin isoform-based actomyosin symmetry breaking. *Nature Communications*, **2018**, 9, 515	17.4	34
46	Clinical relevance of cytoskeleton associated proteins for ovarian cancer. *Journal of Cancer Research and Clinical Oncology*, **2018**, 144, 2195-2205	4.9	23
45	MT1-MMP targeting to endolysosomes is mediated by upregulation of flotillins. *Journal of Cell Science*, **2018**, 131,	5.3	17
44	Structural and Functional Analyses of the Shedding Protease ADAM17 in HoxB8-Immortalized Macrophages and Dendritic-like Cells. *Journal of Immunology*, **2018**, 201, 3106-3118	5.3	8
43	Actin assembly mechanisms at a glance. *Journal of Cell Science*, **2017**, 130, 3427-3435	5.3	143
42	Actin-Dependent Regulation of Borrelia burgdorferi Phagocytosis by Macrophages. *Current Topics in Microbiology and Immunology*, **2017**, 399, 133-154	3.3	8

41	Arp2/3: Not Absolutely Required After All?. *Developmental Cell*, **2017**, 42, 436-438	10.2	1
40	Drebrin's Role in the Maintenance of Endothelial Integrity. *Advances in Experimental Medicine and Biology*, **2017**, 1006, 347-360	3.6	0
39	Feel the force: Podosomes in mechanosensing. *Experimental Cell Research*, **2016**, 343, 67-72	4.2	46
38	The formins FHOD1 and INF2 regulate inter- and intra-structural contractility of podosomes. *Journal of Cell Science*, **2016**, 129, 298-313	5.3	42
37	Metalloproteinase MT1-MMP islets act as memory devices for podosome reemergence. *Journal of Cell Biology*, **2016**, 213, 109-25	7.3	38
36	RABGTPases in MT1-MMP trafficking and cell invasion: Physiology versus pathology. *Small GTPases*, **2015**, 6, 145-52	2.7	16
35	MT1-MMP: Endosomal delivery drives breast cancer metastasis. *Journal of Cell Biology*, **2015**, 211, 215-7	7.3	9
34	Tools of the trade: podosomes as multipurpose organelles of monocytic cells. *Cellular and Molecular Life Sciences*, **2015**, 72, 121-35	10.3	76
33	ER-Coordinated Activities of Rab22a and Rab5a Drive Phagosomal Compaction and Intracellular Processing of Borrelia burgdorferi by Macrophages. *Cell Reports*, **2015**, 12, 1816-30	10.6	14
32	Drosophila homologue of Diaphanous 1 (DIAPH1) controls the metastatic potential of colon cancer cells by regulating microtubule-dependent adhesion. *Oncotarget*, **2015**, 6, 18577-89	3.3	15
31	Daam1 is a regulator of filopodia formation and phagocytic uptake of Borrelia burgdorferi by primary human macrophages. *FASEB Journal*, **2014**, 28, 3075-89	0.9	32
30	Microtubule acetylation regulates dynamics of KIF1C-powered vesicles and contact of microtubule plus ends with podosomes. *European Journal of Cell Biology*, **2014**, 93, 424-37	6.1	26
29	Podosomes in space: macrophage migration and matrix degradation in 2D and 3D settings. *Cell Adhesion and Migration*, **2014**, 8, 179-91	3.2	72
28	Drebrin preserves endothelial integrity by stabilizing nectin at adherens junctions. *Journal of Cell Science*, **2013**, 126, 3756-69	5.3	27
27	The formins FMNL1 and mDia1 regulate coiling phagocytosis of Borrelia burgdorferi by primary human macrophages. *Infection and Immunity*, **2013**, 81, 1683-95	3.7	37
26	A specific subset of RabGTPases controls cell surface exposure of MT1-MMP, extracellular matrix degradation and three-dimensional invasion of macrophages. *Journal of Cell Science*, **2013**, 126, 2820-33	5.3	63
25	CRN2 enhances the invasiveness of glioblastoma cells. *Neuro-Oncology*, **2013**, 15, 548-61	1	11
24	Podosome reformation in macrophages: assays and analysis. *Methods in Molecular Biology*, **2013**, 1046, 97-121	1.4	19

23	New isoform-specific monoclonal antibodies reveal different sub-cellular localisations for talin1 and talin2. *European Journal of Cell Biology*, **2012**, 91, 180-91	6.1	38
22	Proteomic analysis of podosome fractions from macrophages reveals similarities to spreading initiation centres. *European Journal of Cell Biology*, **2012**, 91, 908-22	6.1	50
21	Lasp-1 regulates podosome function. *PLoS ONE*, **2012**, 7, e35340	3.7	24
20	Supervillin couples myosin-dependent contractility to podosomes and enables their turnover. *Journal of Cell Science*, **2012**, 125, 2300-14	5.3	88
19	Phosphorylation of CRN2 by CK2 regulates F-actin and Arp2/3 interaction and inhibits cell migration. *Scientific Reports*, **2012**, 2, 241	4.9	24
18	Degrading devices: invadosomes in proteolytic cell invasion. *Annual Review of Cell and Developmental Biology*, **2011**, 27, 185-211	12.6	291
17	The kinesin KIF9 and reggie/flotillin proteins regulate matrix degradation by macrophage podosomes. *Molecular Biology of the Cell*, **2011**, 22, 202-15	3.5	47
16	Zona occludens proteins modulate podosome formation and function. *FASEB Journal*, **2011**, 25, 505-14	0.9	19
15	KIF5B and KIF3A/KIF3B kinesins drive MT1-MMP surface exposure, CD44 shedding, and extracellular matrix degradation in primary macrophages. *Blood*, **2010**, 116, 1559-69	2.2	104
14	Invadosomes at a glance. *Journal of Cell Science*, **2009**, 122, 3009-13	5.3	136
13	Structural and functional diversity of novel coronin 1C (CRN2) isoforms in muscle. *Journal of Molecular Biology*, **2009**, 393, 287-99	6.5	7
12	Assembly and biological role of podosomes and invadopodia. *Current Opinion in Cell Biology*, **2008**, 20, 235-41	9	314
11	Cyclic guanosine monophosphate-dependent protein kinase I promotes adhesion of primary vascular smooth muscle cells. *Molecular Biology of the Cell*, **2008**, 19, 4434-41	3.5	17
10	Gelatinases mediate neutrophil recruitment in vivo: evidence for stimulus specificity and a critical role in collagen IV remodeling. *Journal of Leukocyte Biology*, **2008**, 83, 864-74	6.5	47
9	The matrix corroded: podosomes and invadopodia in extracellular matrix degradation. *Trends in Cell Biology*, **2007**, 17, 107-17	18.3	492
8	Yersinia protein kinase YopO is activated by a novel G-actin binding process. *Journal of Biological Chemistry*, **2007**, 282, 2268-77	5.4	46
7	Phosphorylation of a Wiscott-Aldrich syndrome protein-associated signal complex is critical in osteoclast bone resorption. *Journal of Biological Chemistry*, **2007**, 282, 10104-10116	5.4	47
6	The kinesin KIF1C and microtubule plus ends regulate podosome dynamics in macrophages. *Molecular Biology of the Cell*, **2006**, 17, 2811-23	3.5	102

5	Staphylococcus aureus fibronectin binding protein-A induces motile attachment sites and complex actin remodeling in living endothelial cells. *Molecular Biology of the Cell*, **2006**, 17, 5198-210	3.5	55
4	Podosomes: adhesion hot-spots of invasive cells. *Trends in Cell Biology*, **2003**, 13, 376-85	18.3	513
3	Coiling phagocytosis of Borrelia burgdorferi by primary human macrophages is controlled by CDC42Hs and Rac1 and involves recruitment of Wiskott-Aldrich syndrome protein and Arp2/3 complex. *Infection and Immunity*, **2001**, 69, 1739-46	3.7	42
2	The polarization defect of Wiskott-Aldrich syndrome macrophages is linked to dislocalization of the Arp2/3 complex. *Journal of Immunology*, **2000**, 165, 221-5	5.3	129
1	Cargo-specific recruitment in clathrin and dynamin-independent endocytosis		3